

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 0	23	S119 and (@ad<"20020114")	US-PGPUB; USPAT	OR	ON	2006/11/03 18:00
S11 9	37	(linking) with (run\$1time) with (libraries)	US-PGPUB; USPAT	OR	OFF	2006/11/03 18:00
S11 8	45	S117 and (@pd<"20020114")	US-PGPUB; USPAT	OR	ON	2006/11/03 18:00
S11 7	270	(java jvm jre virtual) with (run\$1time) with (library libraries)	US-PGPUB; USPAT	OR	OFF	2006/11/03 17:59
S11 6	16	S115 and (@pd<"20010114")	US-PGPUB; USPAT	OR	ON	2006/11/03 17:56
S43	164	S41 and (@ad<"20020114")	US-PGPUB; USPAT	OR	ON	2006/11/03 16:11
S11 5	270	(java jvm jre virtual) with (run\$1time) with (library libraries)	US-PGPUB; USPAT	OR	OFF	2006/11/03 16:03
S11 4	67	jvm with initialization	US-PGPUB; USPAT	OR	OFF	2006/11/03 16:02
S11 3	112091	jvm initialization	US-PGPUB; USPAT	OR	OFF	2006/11/03 13:57
S1	1350	713/176.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/03 13:56
S11 2	15	JVM same dll with link\$3	USPAT	OR	OFF	2006/11/02 19:12
S11 1	5	JVM with dll with link\$3	USPAT	OR	OFF	2006/11/02 19:12
S11 0	52	S109 and @ad<"20020114"	USPAT	OR	OFF	2006/11/02 19:01
S10 9	104	JVM with (compris\$3 includ\$3 consist\$3) with (link\$3 referenced call\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:49
S10 8	343	JVM with (compris\$3 includ\$3 consist\$3) same (link\$3 referenced call\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:49
S67	149	S66 and @ad<"20020114"	USPAT	OR	OFF	2006/11/02 18:49
S10 7	2	JVM with (instantiat\$3 initializ\$5) same (plural\$3 with (class\$2 file\$1 object\$1 module\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:48

## EAST Search History

S10 6	19	S104 and java	USPAT	OR	OFF	2006/11/02 17:01
S10 5	0	S104 and java with interpreter	USPAT	OR	OFF	2006/11/02 17:01
S10 4	21	S98 and interpreter	USPAT	OR	OFF	2006/11/02 17:01
S10 3	0	S98 and jvm	USPAT	OR	OFF	2006/11/02 17:00
S10 2	22	S98 and "protected processing environment"	USPAT	OR	OFF	2006/11/02 17:00
S10 1	22	S100 and "protected processing environment"	USPAT	OR	OFF	2006/11/02 16:58
S10 0	23	S98 and rights and protection and secure	USPAT	OR	OFF	2006/11/02 16:57
S99	60	S98 and rights and protection and secure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:46
S98	394	ginter.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:46
S97	2	"5825877".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:21
S96	12	("5724590" "6434738" "6467075" "6182268" "6553514" "5708431"). pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 15:00
S95	2	Mcmanis same load\$3 with verif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 11:35
S94	0	Mcmanis with load\$3 with verif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 11:35
S93	101	S91 and java	US-PGPUB; USPAT	OR	ON	2006/11/02 11:26

## EAST Search History

S92	145	S91	US-PGPUB; USPAT	OR	ON	2006/11/02 11:26
S91	145	S90 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2006/11/02 11:26
S83	138	S82 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2006/11/02 11:26
S90	239	(loader with verifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 11:25
S89	9	(verify with JVM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 11:25
S88	0	(verify with JVM) and class\$1path	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:53
S87	0	(verify with JVM) same class\$1path	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:53
S86	1	"6070239".pn.	US-PGPUB; USPAT	OR	ON	2006/10/31 16:19
S85	1	"6093215".pn.	US-PGPUB; USPAT	OR	ON	2006/10/31 14:31
S84	0	"6093215.pn",	US-PGPUB; USPAT	OR	ON	2006/10/31 14:31
S82	215	(class library dll) with (load\$3) same (signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/31 14:11
S18	117	S17 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2006/10/31 14:11
S81	1	"20030135746"	US-PGPUB; USPAT	OR	OFF	2006/10/31 09:52
S80	1	"20020091946"	US-PGPUB; USPAT	OR	OFF	2006/03/01 15:53
S79	1	"6205580".pn.	US-PGPUB; USPAT	OR	OFF	2006/03/01 15:53
S78	1	"6061449".pn.	US-PGPUB; USPAT	OR	OFF	2006/03/01 12:12

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S77	1	"6061499".pn.	US-PGPUB; USPAT	OR	OFF	2006/03/01 12:11
S76	6	S75 and jvm	USPAT	OR	OFF	2006/02/28 13:55
S75	58	authenticode	USPAT	OR	OFF	2006/02/28 13:55
S74	9	S73 and authenticode	USPAT	OR	OFF	2006/02/28 13:54
S73	14304	sign\$5 near (java object mobile activex)	USPAT	OR	OFF	2006/02/28 13:53
S72	18	S71 and (signature sign)	USPAT	OR	OFF	2006/02/28 13:52
S71	47	"5978484"	USPAT	OR	OFF	2006/02/28 13:37
S70	0	toaboulin.in.	USPAT	OR	OFF	2006/02/28 13:34
S69	0	toaboulin and revak.xa.	USPAT	OR	OFF	2006/02/28 13:34
S68	0	toaboulin.in. and revak.xa.	USPAT	OR	OFF	2006/02/28 13:33
S66	159	("5421006").URPN.	USPAT	OR	OFF	2006/02/28 12:14
S65	185	("4309569"   "4388695"   "4590552"   "4651323"   "4661991"   "4685056"   "4698750"   "4747040"   "4819267"   "4825358"   "4885788"   "4908861"   "4930073"   "4970504"   "4975950"   "5022077"   "5050212"   "5073934"   "5121345"   "5138706"   "5144659"   "5161122"   "5175840"   "5204966"   "5265164"   "5278973").PN. OR ("5421006").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 11:21
S64	13	koved.in.	US-PGPUB; USPAT	OR	OFF	2006/02/28 10:35
S63	2	koved.in. and launcher	US-PGPUB; USPAT	OR	OFF	2006/02/28 10:35
S62	2	JVM with secur\$3 with down\$1load\$3	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:41
S61	0	JVM with secur\$3 with initializ\$5	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:23
S60	0	JVM with security with initializ\$5	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:23
S59	1	JVM adj provider	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:22
S58	61	S57 and @ad<"20020114"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 19:04

## EAST Search History

S57	121	(verify\$3 verification authentic\$5) with (JVM java adj virtual adj machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 19:04
S52	1417	S50 and @ad<"20020114"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 19:04
S47	11	(verify\$3 verification) with (JVM java adj virtual adj machine) with installation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 19:03
S56	23	S55 and loader and verify	US-PGPUB	OR	OFF	2006/02/27 18:24
S55	865	713/176.ccls.	US-PGPUB	OR	OFF	2006/02/27 18:24
S54	23	launcher and java and dll and (load\$3 same verify verification authentic\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 18:23
S53	34	S52 and installation same (verify verification authentic\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:14
S51	1665	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:40
S50	2271	713/176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:39
S49	49	obtain\$3 with key with server with local\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:39
S48	24	load\$3 with file with key with server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:23

## EAST Search History

S46	12	(verify\$3 verification) with installation with public adj key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:01
S45	18	S44 and (@ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/20 17:54
S13	94	S12 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/20 17:54
S44	29	(administrator same configura\$4 same DLL)	US-PGPUB; USPAT	OR	OFF	2005/06/20 17:53
S42	166	S41 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/16 15:48
S37	29	S36 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/16 15:48
S41	169	("4309569"   "4388695"   "4590552"   "4651323"   "4661991"   "4685056"   "4698750"   "4747040"   "4819267"   "4825358"   "4885788"   "4908861"   "4930073"   "4970504"   "4975950"   "5022077"   "5050212"   "5073934"   "5121345"   "5138706"   "5144659"   "5161122"   "5175840"   "5204966"   "5265164"   "5278973").PN. OR ("5421006").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/16 15:47
S40	1	"5421006".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/16 15:47
S39	10	mcmanis-charles-e.in.	US-PGPUB; USPAT	OR	OFF	2005/06/16 14:47
S38	1	mcmanis-charles.in.	US-PGPUB; USPAT	OR	OFF	2005/06/16 14:47
S36	57	mcmanis.in.	US-PGPUB; USPAT	OR	OFF	2005/06/16 14:47
S35	69	S34 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/15 15:58

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S34	69	("4845715"   "4930073"   "5224160"   "5235642"   "5288978"   "5339403"   "5343527"   "5347632"   "5349642"   "5421006"   "5542045"   "5737523"   "5742759"   "5748739"   "5757914"   "5970145").PN. OR ("5757914"   "5970145"   "6546487").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/15 15:58
S27	178	S26 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/15 15:58
S33	49	S32 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/15 13:29
S32	49	("5915085" "6438600" "6223202" "6223202" "6256393" "6233733" "6266774" "6072953" "6677933" "6148401" "6393605" "6606106" "6654038" "6292569" "6385643" "6684387" "6292830" "6571389" "5926631" "6446109" "6058482" "6314445" "6601114" "6618769" "6618855" "6651186" "6763397" "6766521" "6883163" "6775763" "6199196" "5892966" "6085030" "6088786" "6202208" "6324688" "6330709" "6453467" "6463578" "6470494" "6631515" "6637025" "6654954" "6857063" "6862650" "6412109" "6078909" "6357019" "6469714" "6513158").pn.	US-PGPUB; USPAT	OR	OFF	2005/06/15 13:28
S31	11	S30 and java	US-PGPUB; USPAT	OR	OFF	2005/06/15 13:28
S30	20	(US-20030074567-\$ or US-20030196093-\$).did. or (US-5757914-\$ or US-5915085-\$ or US-5970145-\$ or US-5974470-\$ or US-6052780-\$ or US-6353928-\$ or US-6542887-\$ or US-6546487-\$ or US-6604198-\$ or US-6611850-\$ or US-6615350-\$ or US-6651248-\$ or US-6671809-\$ or US-6711675-\$ or US-6763397-\$ or US-6802006-\$ or US-6851111-\$ or US-6862683-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/06/15 13:15
S29	1	"6907315".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/15 13:03
S28	17	S27 and (dll dynamically adj linked adj library class\$loader)	US-PGPUB; USPAT	OR	ON	2005/06/14 16:00

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S25	20	S24 and (dll dynamically adj linked adj library)	US-PGPUB; USPAT	OR	ON	2005/06/14 16:00
S26	211	713/187.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/14 15:59
S23	537	S22 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/14 15:59
S24	213	S23 and signature	US-PGPUB; USPAT	OR	ON	2005/06/14 15:55
S20	44	S19 and signature	US-PGPUB; USPAT	OR	ON	2005/06/14 15:55
S22	721	713/164,165,166.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/14 15:54
S21	37	S20 and (@rlad<"20020114" @ad<"20020114")	US-PGPUB; USPAT	OR	ON	2005/06/14 15:53
S17	136	S16 and signature	US-PGPUB; USPAT	OR	ON	2005/06/14 15:17
S19	407	719/331,332,333.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/14 15:16
S16	1274	713/2.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/14 14:38
S15	3	"6052780".pn. "6611850".pn. "5974470".pn.	US-PGPUB; USPAT	OR	ON	2005/06/14 14:38
S14	1	altberg.in. and dll	US-PGPUB; USPAT	OR	ON	2005/06/14 14:14
S12	114	(load\$3 with library with file) and signature	US-PGPUB; USPAT	OR	ON	2005/06/14 11:54
S11	8	S8 and (dll\$ dynamic adj linked adj library)	US-PGPUB; USPAT	OR	ON	2005/06/14 11:51
S10	8	S8 and (dll\$ dynamic adj linked adj library)	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:49
S9	1	S8 and signature and (dll dynamic adj linked adj library)	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:49
S8	861	("IBM" "IBM BUSINESS MACHINES CORPORATION" "IBM CORPORATION-INTERNATIONAL BUSINESS MACHINES CORPORATION" "IBM CORP. -INTERNATIONAL BUSINESS MACHINES CORP." "IBM INTERNATIONAL BUSINESS MACHINES CORPORATION" "IBM PATENT OPERATIONS").as.	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:45

## EAST Search History

S7	103661	"IBM" "IBM BUSINESS MACHINES CORPORATION" "IBM CORPORATION-INTERNATIONAL BUSINESS MACHINES CORPORATION" "IBM CORP. -INTERNATIONAL BUSINESS MACHINES CORP." "IBM INTERNATIONAL BUSINESS MACHINES CORPORATION" "IBM PATENT OPERATIONS".as.	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:45
S6	1	ibm.as. and signature and (dll dynamic adj linked adj library)	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:45
S5	0	ibm.as. and signature and (dll dynamic adj linked adj library) and load and verif\$7	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:44
S4	2	"5274363".pn. "5915085".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:43
S2	30	S1 and (DLL dynamic adj linked adj library)	US-PGPUB; USPAT	OR	OFF	2005/06/14 11:02
S3	1	"6542887".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/14 10:48